

1   **IN THE SPECIFICATION**

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3       **Please delete the Paragraph beginning on Page 6, line**  
4 **12 and insert the following Paragraph therefor.**

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6       "Referring to Fig. 3, a block diagram of the  
7 transmitter unit **30** for use in the digital radio system of  
8 the present invention is shown. An analog input signal to  
9 be transmitted to a radio receiver unit, e.g. **10** or **20**, is  
10 applied to ~~digital-to-analog~~ analog-to-digital (~~D/A~~ A/D)  
11 converter **31** in transmitter unit **30**. The ~~D/A~~ A/D  
12 converter **31** digitizes the analog input signal, also known  
13 as an input file. The analog input signal/input file can  
14 be speech, music, pictures, etc. The digitized input  
15 signal from ~~D/A~~ A/D converter **31** is applied to source  
16 encoder **32**. The source encoder **32** encodes the input file in  
17 a format (AAC, MP3, JPEG, etc.) appropriate to the subject  
18 matter (video, music, data, etc.) being transmitted. The  
19 output signal from the source encoder **32** is applied to the  
20 forward-error-correcting (FEC) and interleaving unit **33**.  
21 The output signal of the FEC and interleaving unit **33** is  
22 applied to the orthogonal frequency division multiplexing  
23 (OFDM) unit **34**. The output signal of the OFDM unit **34** is  
24 applied to the up-converter unit **35** and the output signal  
25 of the up-converter unit **35** is, in turn, applied to the  
26 power amplifier **36**. The output signal of the power  
27 amplifier **36** and, consequently, of the transmitter unit **30**  
28 is applied to antenna **37** for transmission to receiver units  
29 (**10** and **20**). The transmitter unit **30** can, optionally, also  
30 have a time diversity path. The output signal from the ~~D/A~~

1 A/D converter **31** is applied to time diversity delay unit  
2 **381** as well as source encoder **32**. (The time diversity delay  
3 unit and associated apparatus provide a delayed signal that  
4 permits a receiver unit to recover from a signal drop-out  
5 such as might occur passing through a tunnel) The output  
6 signal from the diversity delay unit **381** is applied to the  
7 time diversity source encoder unit **382**. The time diversity  
8 source encoder **382** performs the same function as the source  
9 encoder unit **32** described above. The output signal of the  
10 time diversity source encoder unit **382** is applied to the  
11 delay-path FEC and interleaving unit **383**. The output signal  
12 of the delay-path FEC and interleaving unit **383** is applied,  
13 along with the output signal from the FEC and interleaving  
14 unit **33** to the OFDM unit **34**."